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**FACSIMILE SUBMISSION UNDER 37 CFR 1.8**

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TO:	Examiner - Joseph E. Avellino	FROM:	Kent J. Sieffert
COMPANY:	USPTO - Mail Stop AF	DATE:	AUGUST 31, 2005
FAX NUMBER:	571-273-8300	TOTAL NO. OF PAGES INCLUDING COVER:	18
PHONE NUMBER:	571-272-3905	SENDER'S REFERENCE NUMBER:	1014-014US01
RE:	Response to FOA dated 5.31.05	APPLICATION SERIAL NUMBER:	10/004,536

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AUG 31 2005

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pradeep Sindhu; Dennis C. Ferguson Confirmation No. 4412  
Serial No.: 10/004,536  
Filed: October 31, 2001 Customer No.: 28863  
Examiner: Joseph E. Avellino  
Group Art Unit: 2143  
Docket No.: 1014-014US01/JNP-0074  
Title: NETWORK ROUTER HAVING EMBEDDED MEMORY

CERTIFICATE UNDER 37 CFR 1.8 I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and Trademark Office on August 31, 2005.

By: Angela Watson  
Name: Angela Watson

MAIL STOP AF  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached correspondence relating to this application:

- ☒ Transmittal sheet containing Certificate of Mailing  
☒ Amendment (16 pgs.)  
☒ No additional fee is required

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

Date:

August 31, 2005

By:

Kent J. Sieffert

Name: Kent J. Sieffert

Reg. No.: 41,312

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MAIL STOP AF  
RESPONSE UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2143

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicants:	Pradeep Sindhu; Dennis C. Ferguson	Confirmation No.	4412
Serial No.:	10/004,536		
Filed:	October 31, 2001	Customer No.:	28863
Examiner:	Joseph E. Avellino		
Group Art Unit:	2143		
Docket No.:	1014-014US01/JNP-0074		
Title:	NETWORK ROUTER HAVING EMBEDDED MEMORY		

**AMENDMENT AND REQUEST FOR CONSIDERATION**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed May 31, 2005, the period of response for which runs through August 31, 2005, please amend the application as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.